

~~TOP SECRET~~

25X1



NATIONAL PHOTOGRAPHIC  
INTERPRETATION CENTER

**BASIC IMAGERY  
INTERPRETATION  
REPORT**

**MOSKVA AIRCRAFT INSTRUMENTS PLANT 122**

**STRATEGIC WEAPONS INDUSTRIAL FACILITIES  
USSR**

DECLASS REVIEW by NIMA/DOD

RETURN TO ARCHIVES & RECORDS CENTER  
IMMEDIATELY AFTER USE  
JOB 78T4563 BOX 8

**TOP SECRET**

RCA-09/0018/71

COPY NO 110

6 PAGES

210543



25X1

TOP SECRET

Approved For Release 2000/06/08 : CIA-RDP78T04563A000800010021-6

RCA-09/0018/71

25X1

25X1

INSTALLATION OR ACTIVITY NAME

COUNTRY

25X1

Moskva Aircraft Instruments Plant 122

UR

UTM COORDINATES

GEOGRAPHIC COORDINATES

NA

55-44-30N 037-31-15

MAP REFERENCE

ACIC. USATC, Series 200, Sheet 0167-5, scale 1:200,000

LATEST IMAGERY USED

NEGATION DATE (if required)

NA

25X1

## ABSTRACT

1. Moskva Aircraft Instruments Plant 122 is reported to be producing navigation and stabilization controls for aircraft and missiles. The plant contains 45 buildings, including 10 major engineering laboratory structures.

2. This report includes a location map, an annotated photograph, a line drawing, and mensural data.

## INTRODUCTION

3. Moskva Aircraft Instruments Plant 122 (Figure 1) is located on Kutuzovskiy Avenue in the city of Moscow. The plant is approximately 2.0 nautical miles southeast of Moscow Airframe Plant Fili 23. The largest concentration of Soviet aerospace industry installations is in the Moscow area. The major aerospace installations in the general vicinity of Moscow have been listed in an NPIC report of February 1968,<sup>1</sup> and several of these could be associated with Plant 122.

25X1

## BASIC DESCRIPTION

4. Plant 122 contains 45 buildings, including 10 engineering laboratory buildings, six shops, 13 warehouses, 12 utility buildings, two vehicle maintenance buildings, and two security buildings (Figures 1 and 2). As of the total floorspace of Plant 122 was approximately 119,694 square meters (1,288,375 square feet). However, the limited large-scale photographic coverage available and the overall poor interpretability of the small-scale coverage preclude determination of the exact physical limits of Plant 122.

25X1

25X1

5. Production activity at Plant 122 cannot as yet be determined from coverage. It is reported, however, that the plant produces aircraft and missile stabilization and control assemblies such as automatic pilots, amplifiers, and electrically driven gyrocompasses.<sup>2</sup>

25X1

6. Two major highways provide the primary transportation services to Plant 122. Although a rail spur does not enter the plant, rail facilities are available along the north and east boundaries.

7. Plant 122 is secured by a combination of wall and fence. All vehicular and pedestrian traffic is controlled by secured entrances. Two laboratory engineering buildings (items 9 and 10) are separately secured by an additional wall.

## Chronology

1942-61

25X1

8. showed that Plant 122 consisted of 14 major buildings and 22 warehousing and utility buildings, a total of 85,110 square meters (915,278 square feet). The major buildings included five engineering laboratories (items 21, 26, 28, 32, and 34), four shops (items 25, 33, 35, and 36), four utility buildings (items 24, 27, 29, and 30), and a security building (item 31). Approximately 35 utility buildings located on the north and east sides of the plant outside the security wall were probably associated with Plant 122.

- 1 -

TOP SECRET

Approved For Release 2000/06/08 : CIA-RDP78T04563A000800010021-6

25X1

25X1

25X1

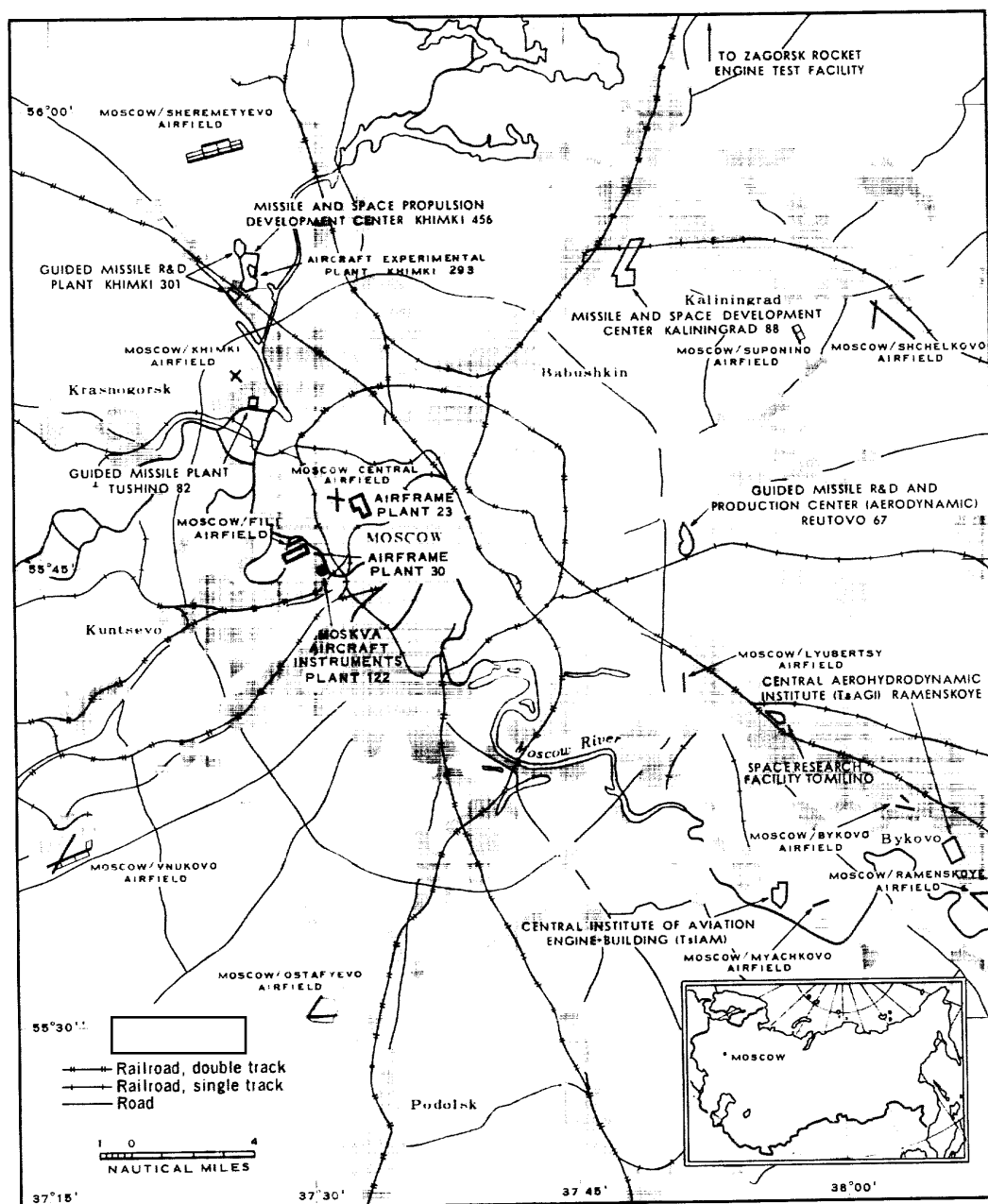


FIGURE 1. LOCATION MAP

1962-70

9. The first usable [ ] coverage of Plant 122, in [ ] showed the addition of three multistory engineering buildings (items 10, 38, and 40) and two utility buildings (37 and 39). The combined floorspace of these buildings added 23,023 square meters (247,723 square feet). Two engineering laboratories and a shop (items 7, 8, and 9), first observed under construction in [ ], were completed by [ ] providing an additional 3,812 square meters (41,008 square feet) of floorspace.

10. [ ] a shop building (item 23) was first observed under construction. This building has three bays and an engineering section. Coverage of [ ] showed this building completed, adding 7,949 square meters (84,366 square feet) of floorspace to the plant.

25X1

Approved For Release 2005/06/08 : CIA-RDP78T04563A000800010021-6

Approved For Release 2005/06/08 : CIA-RDP78T04563A000800010021-6

25X1  
25X1

TOP SECRET  
Approved For Release 2005/06/08 : CIA-RDP78T04563A000800010021-6

RCA-09/0018/71

25X1

Table 1. Moskva Aircraft Instruments Plant 122 (keyed to Figure 3)

25X1

25X1  
25X1

25X1

25X1

25X1

25X1

Item	Description	Dimensions meters feet			Floorspace sq m sq ft	Date First Observed**	Comments	Item	Description	Dimensions meters feet			Floorspace sq m sq ft	Date First Observed**	Comments				
		L	W	H						L	W	H							
1	Warehouse							26	Engineering lab					4 stories					
2	Warehouse							27	Utility bldg					3 stories					
3	Motor pool							28	Engineering lab										
4	Motor pool							29	Utility bldg										
5	Utility bldg							30	Utility bldg										
6	Warehouse							31	Security bldg					6-stories					
7	Engineering lab							32	Engineering lab										
8	Shop							a											
9	Engineering lab							b											
10	Engineering lab							33	Shop					1-story section					
11	Warehouse							34	Engineering lab										
12	Warehouse							35	Shop										
13	Warehouse							36	Shop										
14	Warehouse							37	Utility bldg					3-story section					
15	Warehouse							38	Engineering lab										
16	Warehouse							a											
17	Utility bldg							b											
18	Utility bldg							39	Utility bldg										
19	Warehouse							40	Engineering lab					6 stories					
20	Security bldg							41	Warehouse										
21	Engineering lab							42	Warehouse										
22	Utility bldg							43	Utility bldg										
23	Shop							44	Utility bldg										
24	Utility bldg							45	Warehouse										
25	Shop																		
													119,694.0						
													1,288,375						

25X1

\*Dimensions are accurate to within [ ] with a 95% confidence level.

\*\*Complete when first observed unless otherwise indicated.

- 4 -

TOP SECRET

25X1

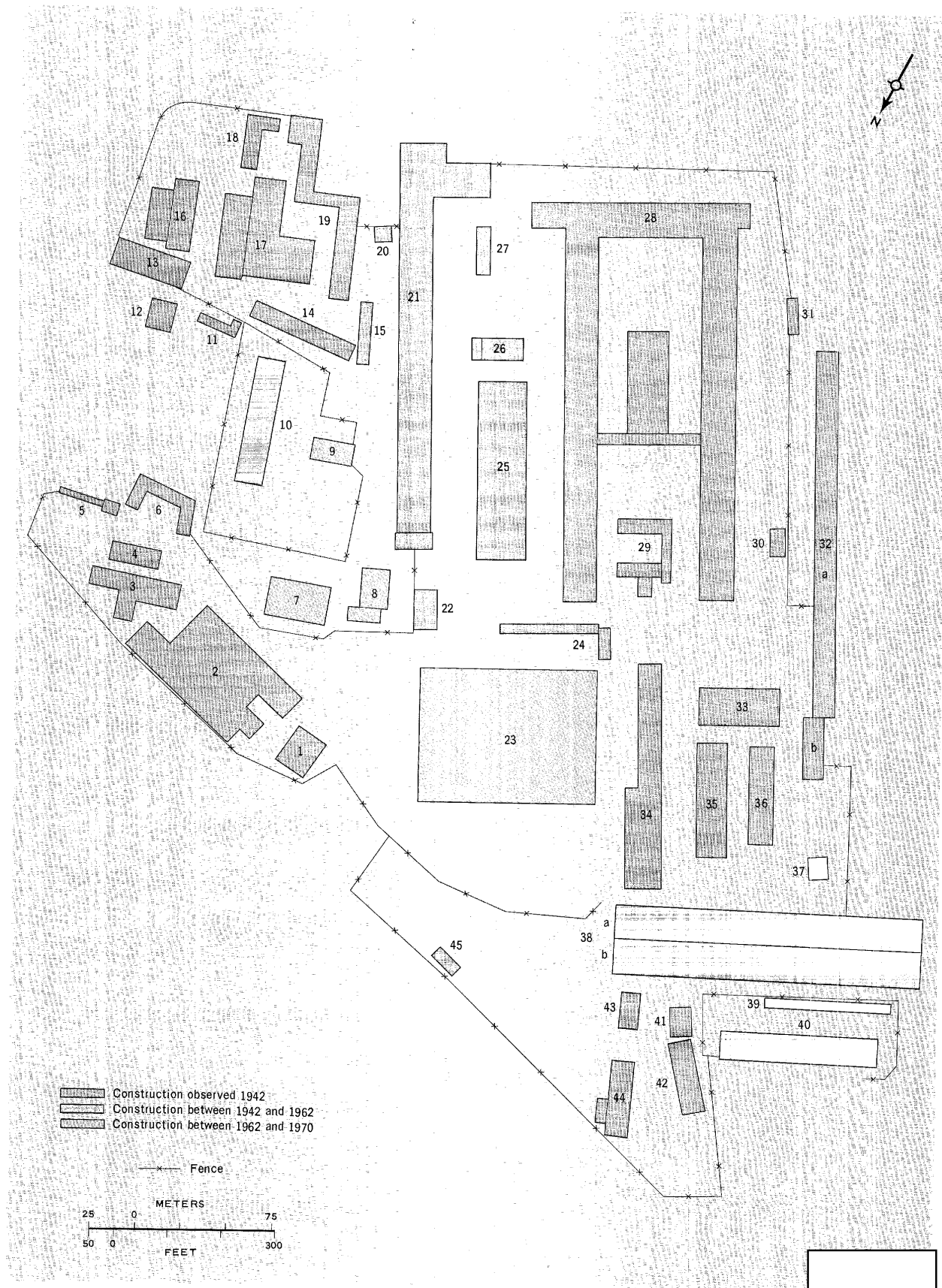


FIGURE 3. LINE DRAWING OF MOSKVA AIRCRAFT INSTRUMENTS PLANT 122

25X1

Approved For Release 2005/06/08 : CIA-RDP78T04563A000800010021-6

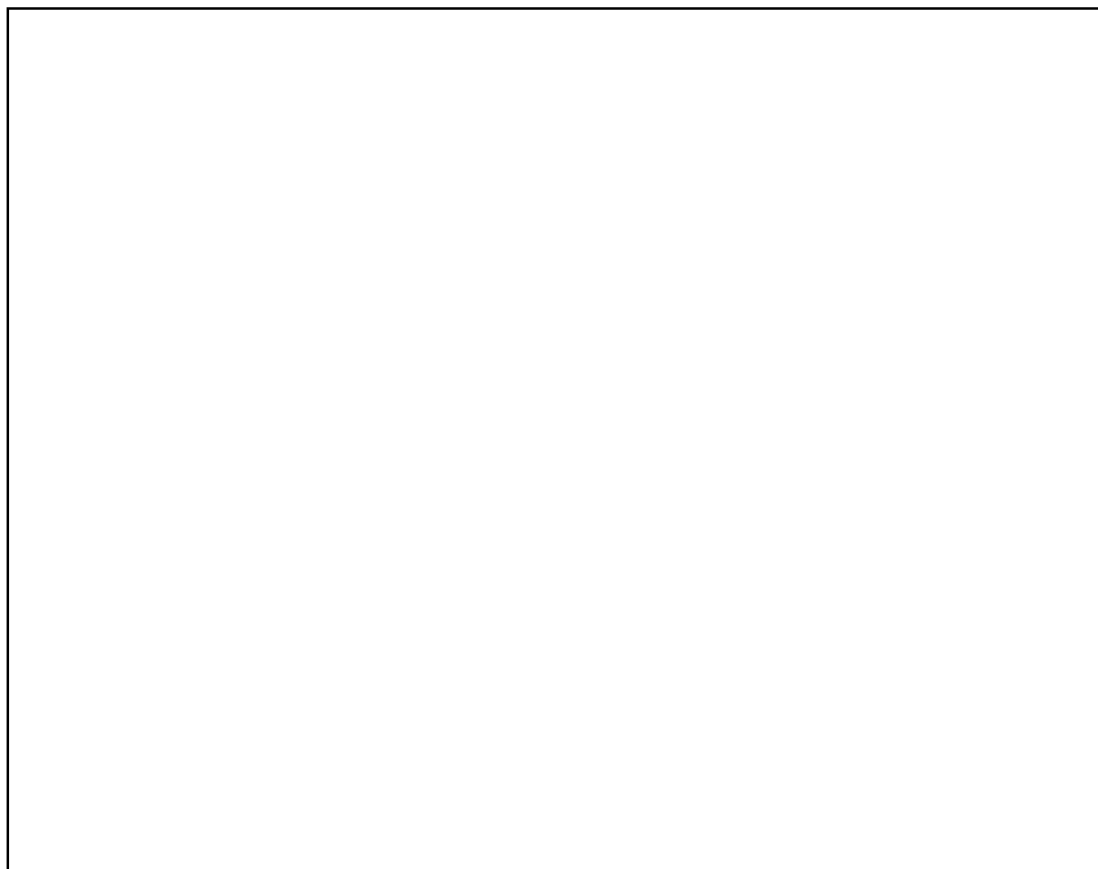
TOP SECRET

RCA-09/0018/71

25X1

25X1  
25X1

# REFERENCES



25X1

## MAPS OR CHARTS

ACIC. USATC, Series 200, Sheet 0167-5, scale 1:200,000

## DOCUMENTS

1. NPIC. [redacted] Index of Aerospace Installations in the Moscow Area, Feb 68 (TOP SECRET [redacted])
2. DOD. [redacted] Information Report, Aircraft Instruments Plant 122, Jan 64 (SECRET/[redacted])

25X1  
25X1  
25X1

25X1

## REQUIREMENT

COMIREX J02

NPIC/IEG/SD/NIB Project 221345

\*All usable [redacted] photography through [redacted] was used in compiling this report; [redacted] was used for mensuration.

25X1

25X1

TOP SECRET

25X1

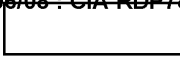
25X1

25X1



~~TOP SECRET~~

25X1



~~TOP SECRET~~



25X1